

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| L1    | 2    | ("7075905").PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/05/11<br>10:11 |
| L2    | 43   | ("20010033553"   "20010040880"  <br>"20010046878"   "20020011202"  <br>"20020081977"   "20021012497"  <br>"2498186"   "2550173"   "3766080"  <br>"3769230"   "3959442"   "4038201"  <br>"4048514"   "4053572"   "4101331"  <br>"4128589"   "5000548"   "5039858"  <br>"5245629"   "5461639"   "5757846"  <br>"5768684"   "5852627"   "5856991"  <br>"5901163"   "5970082"   "5978409"  <br>"5982800"   "6069749"   "6181480"  <br>"6201634"   "6298080"   "6309461"  <br>"6342312"   "6377338"   "6395657"  <br>"6451111"   "6526031"   "6728551"  <br>"6731948").PN. | US-PGPUB;<br>USPAT; USOCR                               | OR               | ON      | 2010/05/11<br>10:11 |
| L4    | 20   | qib with channel  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/05/11<br>10:11 |
| L5    | 1    | qib with channel and L3   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/05/11<br>10:11 |
| L6    | 2    | ("4736249").PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/05/11<br>10:11 |
| L7    | 28   | (computer medium software) and (L2<br>L4)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/05/11<br>10:11 |
| L8    | 14   | (computer medium software) and (L4)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/05/11<br>10:11 |
| L9    | 21   | L7 and @ad<"20020911"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/05/11<br>10:11 |

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| L10 | 7    | L8 and @ad<"20020911"                               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L11 | 1049 | (computer medium software) and (qib eib)            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L12 | 17   | (computer medium software) and (qib and eib)        | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L13 | 1124 | (computer medium software memory) and (qib eib)     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L14 | 17   | (computer medium software memory) and (qib and eib) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L15 | 0    | L14 not L12   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L16 | 5592 | train with repeat\$4                                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L17 | 5727 | (train locomotive) with repeat\$4                   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L18 | 226  | L17 with (transceiv\$4 (transmit\$4 and receiv\$4)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L19 | 0    | L18 and (@rlad<"10031223" @ad<"10031223")           | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L20 | 108  | police and L17                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |

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| L21 | 0     | L20 and (@rld<"10031223"<br>@ad<"10031223")  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L22 | 0     | L17 and (@rld<"10031223"<br>@ad<"10031223")  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L23 | 13207 | repeaters with (transceiv\$4 (transmit<br>\$4 and receiv\$4))                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L24 | 0     | L23 and (@rld<"10031223"<br>@ad<"10031223")  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L25 | 88    | L20 and (@rld<"199031223"<br>@ad<"19931223")   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L26 | 139   | L18 and (@rld<"199031223"<br>@ad<"19931223")   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L27 | 2     | police and L26   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L28 | 139   | L18 and (@rld<"199031223"<br>@ad<"19931223")   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L29 | 3616  | ((cellular mobile) with zone) and repeat<br>\$4 and (transceiv\$4 (transmit\$4 receiv<br>\$4)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L30 | 97    | (train with (rail mobile)) and L29   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L31 | 45    | L30 and (@rld<"199031223"<br>@ad<"19931223")   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |

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| L32 | 21 | ((("4989230") or ("5442680") or ("5125103") or ("5404577") or ("4056779") or ("5003619") or ("5533027") or ("6006100") or ("5349631") or ("5528664") or ("7004395") or ("6876863") or ("6148193") or ("6108559") or ("5533029") or ("5454024") or ("4748655") or ("5404570") or ("5907794") or ("3876980") or ("4831539")).PN.  | USPAT   | OR | OFF | 2010/05/11<br>10:11 |
| L33 | 20 | L32 and (@rld<"199031223"@ad<"19931223")  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:11 |
| L34 | 21 | ((("4989230") or ("5442680") or ("5125103") or ("5404577") or ("4056779") or ("5003619") or ("5533027") or ("6006100") or ("5349631") or ("5528664") or ("7004395") or ("6876863") or ("6148193") or ("6108559") or ("5533029") or ("5454024") or ("4748655") or ("5404570") or ("5907794") or ("3876980") or ("4831539")).PN.  | USPAT   | OR | OFF | 2010/05/11<br>10:11 |
| L35 | 20 | L34 and (@rld<"199031223"@ad<"19931223")  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:11 |
| L36 | 2  | L35 and spread with spectrum  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:11 |
| L37 | 16 | L35 and transceiver   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:11 |
| L38 | 4  | ((("7069122") or ("5689502")).PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/11<br>10:11 |
| L39 | 32 | ("20020115436"   "20030151520"   "20040100938"   "3596256"   "4217643"   "4582280"   "4687258"   "5021777"   "5039038"   "5164985"   "5367524"   "5420883"   "5436905"   "5450409"   "5511749"   "5685507"   "5720455"   "5737330"   "5890682"   "5969643"   "6044252"   "6088635"   "6095618"   "6229452"   "6314345"   "6400281"   "6401015"   "6434458"   "6449536"   "6487478"   "6505103"   "6789004").PN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:11 |

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| L40 | 3616 | ((cellular mobile) with zone) and repeat \$4 and (transceiv\$4 (transmit\$4 receive\$4))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L41 | 97   | ((locomotive train) with (rail mobile)) and L40   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L42 | 5    | (single adj5 (frequency channel)) and L41   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L43 | 15   | poll\$4 and L41   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L44 | 39   | L41 and @ad<"20020731"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L45 | 493  | poll\$4 and L40   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L46 | 15   | ((locomotive train) with (rail mobile)) and L45   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L47 | 10   | ((locomotive train) with (rail mobile)) with poll\$4  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L48 | 32   | ("20020115436"   "20030151520"   "20040100938"   "3596256"   "4217643"   "4582280"   "4687258"   "5021777"   "5039038"   "5164985"   "5367524"   "5420883"   "5436905"   "5450409"   "5511749"   "5685507"   "5720455"   "5737330"   "5890682"   "5969643"   "6044252"   "6088635"   "6095618"   "6229452"   "6314345"   "6400281"   "6401015"   "6434458"   "6449536"   "6487478"   "6505103"   "6789004").PN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L49 | 13   | L48 and poll\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |

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| L50 | 32  | ("20020115436"   "20030151520"   "20040100938"   "3596256"   "4217643"   "4582280"   "4687258"   "5021777"   "5039038"   "5164985"   "5367524"   "5420883"   "5436905"   "5450409"   "5511749"   "5685507"   "5720455"   "5737330"   "5890682"   "5969643"   "6044252"   "6088635"   "6095618"   "6229452"   "6314345"   "6400281"   "6401015"   "6434458"   "6449536"   "6487478"   "6505103"   "6789004").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L51 | 111 | poll\$4 with brake  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L52 | 55  | L51 and @ad<"20020731"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L53 | 40  | ("20010020430"   "20010037167"   "20020002583"   "20020006789"   "4582280"   "5034878"   "5039038"   "5164941"   "5435505"   "5535336"   "5570284"   "5588005"   "5608412"   "5632589"   "5666365"   "5681015"   "5682139"   "5685507"   "5686888"   "5720455"   "5740029"   "5777547"   "5862171"   "5873638"   "5950967"   "6041216"   "6115427"   "6175784"   "6198920"   "6216095"   "6225919"   "6229452"   "6246955"   "6314345"   "6317466"   "6322025"   "6337978"   "6401015"   "6633784"   "6691064").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L54 | 64  | PCT/US93/12628  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L55 | 45  | ("4538259"   "4553081"   "4716354"   "4789983"   "4837858"   "4961043"   "5142534"   "5260988"   "5295154"   "5359598"   "5371898"   "5420911"   "5425051"   "5434854"   "5446736"   "5452289"   "5506847"   "5533019"   "5534937"   "5564077"   "5594782"   "5608786"   "5610910"   "5631900"   "5649010"   "5650994"   "5654957"   "5699423"   "5726984"   "5737395"   "5745533"   "5745556"   "5754542"   "5764736"   "5777991"   "5790538"   "5812944"   "5818836"   "5842224"   "5850385"   "6108704"   "6131121"   "6157653"   "6389010"   "6850510").PN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L56 | 3   | ("7142535").URPN.   | USPAT   | OR | ON | 2010/05/11<br>10:11 |

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| L59 | 21    | ((("4989230") or ("5442680") or ("5125103") or ("5404577") or ("4056779") or ("5003619") or ("5533027") or ("6006100") or ("5349631") or ("5528664") or ("7004395") or ("6876863") or ("6148193") or ("6108559") or ("5533029") or ("5454024") or ("4748655") or ("5404570") or ("5907794") or ("3876980") or ("4831539")).PN.  | USPAT   | OR | OFF | 2010/05/11<br>10:11 |
| L60 | 2     | ("7069122").PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/11<br>10:11 |
| L61 | 32    | ("20020115436"   "20030151520"   "20040100938"   "3596256"   "4217643"   "4582280"   "4687258"   "5021777"   "5039038"   "5164985"   "5367524"   "5420883"   "5436905"   "5450409"   "5511749"   "5685507"   "5720455"   "5737330"   "5890682"   "5969643"   "6044252"   "6088635"   "6095618"   "6229452"   "6314345"   "6400281"   "6401015"   "6434458"   "6449536"   "6487478"   "6505103"   "6789004").PN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:11 |
| L62 | 17    | ("4582280"   "4739328"   "4786907"   "4864158"   "5039038"   "5172121"   "5414624"   "5415369"   "5504485"   "5720455"   "5737710"   "5760742"   "5892441"   "5894266"   "5917433"   "5967465"   "6144901").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:11 |
| L63 | 15354 | (reset\$4 set\$4) with (speed and brake)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:11 |
| L64 | 0     | (reset\$4 set\$4) with (speed and brake) with poll\$4 adj3 response   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:11 |
| L65 | 26    | (reset\$4 set\$4) with (speed and brake) and (poll\$4 adj3 response)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:11 |
| L66 | 0     | poll\$4 and nack and (tim\$4 near6 expir \$4) and (activat\$4 (turn\$4 adj3 on) set \$4 apply\$4) near10 (emergency adj3 brak\$4)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:11 |
| L67 | 9     | poll\$4 and (tim\$4 near6 expir\$4) and (activat\$4 (turn\$4 adj3 on) set\$4 apply \$4) near10 (emergency adj3 brak\$4)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:11 |

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| L68 | 938   | poll\$4 and (tim\$4 near6 expir\$4) and (activat\$4 (turn\$4 adj3 on) set\$4 apply \$4) near10 (speed brak\$4)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L69 | 17    | poll\$4 and (tim\$4 near6 expir\$4) and (activat\$4 (turn\$4 adj3 on) set\$4 apply \$4) near10 stop\$4 near10 (speed brak \$4)                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L70 | 32    | poll\$4 with (tim\$4 adj3 (interval period window)) near20 (expir\$4 elaps\$4) and (activat\$4 (turn\$4 adj3 on) stop\$4 cancel\$4) near20 (speed brak\$4)     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L71 | 32    | poll\$4 near20 (tim\$4 adj3 (interval period window)) near20 (expir\$4 elaps \$4) and (activat\$4 (turn\$4 adj3 on) stop\$4 cancel\$4) near20 (speed brak \$4) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L72 | 273   | poll\$4 near20 (tim\$4 adj3 (interval period window)) near20 (expir\$4 elaps \$4)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L73 | 140   | L72 and @ad<"20020731"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L74 | 4     | (alarm\$4 alert\$4 horn\$4 ) with L72  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L75 | 46    | (poll\$4 near20 (response respond\$4)) near20 (tim\$4 adj3 (interval period window)) near20 (expir\$4 elaps\$4)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L76 | 28    | L75 and @ad<"20020731"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L77 | 1     | L63 and L72  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L78 | 28575 | (reset\$4 set\$4 stop\$4 cancel\$4 (shut \$4 adj3 down)) with (speed and brake)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |



|     |       |   |   |    |    |                     |
|-----|-------|---|---|----|----|---------------------|
| L79 | 2     | L78 and L72   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L80 | 0     | L78 and L59   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L81 | 17632 | L78 and @ad<"20020731"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L82 | 725   | (reset\$4 set\$4 stop\$4 cancel\$4 (shut<br>\$4 adj3 down)) with (speed and brake)<br>near20 (locomotive train)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L83 | 2454  | "25" with poll\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L84 | 1     | (reset\$4 set\$4 stop\$4 cancel\$4 (shut<br>\$4 adj3 down)) with (speed and brake)<br>near20 (locomotive train) near20 poll<br>\$4                          | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L85 | 20    | (reset\$4 set\$4 stop\$4 cancel\$4 (shut<br>\$4 adj3 down)) with (speed and brake)<br>near20 (locomotive train) and poll\$4                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L86 | 144   | (reset\$4 set\$4 stop\$4 cancel\$4 (shut<br>\$4 adj3 down)) with (speed and brake)<br>near20 (locomotive train) and<br>(emergency adj3 brak\$4)             | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L87 | 10    | (reset\$4 set\$4 stop\$4 cancel\$4 (shut<br>\$4 adj3 down)) with (speed and brake)<br>near20 (locomotive train) and<br>(emergency adj3 brak\$4) and poll\$4 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L88 | 7491  | (reset\$4 set\$4 stop\$4 cancel\$4 (shut<br>\$4 adj3 down)) with (tim\$4 speed and<br>brake) near20 (locomotive train)                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L89 | 240   | (reset\$4 set\$4 stop\$4 cancel\$4 (shut<br>\$4 adj3 down)) with (tim\$4 and speed<br>and brake) near20 (locomotive train)                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |

|      |       |  |   |    |    |                     |
|------|-------|--|---|----|----|---------------------|
| L90  | 10    | L89 and poll\$4  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L91  | 141   | (alarm\$4 alert\$4 horn\$4) and L89  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L92  | 3     | (reset\$4 set\$4 stop\$4 cancel\$4 (shut<br>\$4 adj3 down)) with (tim\$4 and speed<br>and brake) near20 (locomotive train)<br>near20 alarm\$4                    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L93  | 9     | (reset\$4 set\$4 stop\$4 cancel\$4 (shut<br>\$4 adj3 down)) with (tim\$4 and speed<br>and brake) near20 (locomotive train)<br>near20 (alarm\$4 alert\$4 horn\$4) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L94  | 95463 | ((issu\$4 emit\$4 transmit\$4) near20<br>(alarm\$4 alert\$4 horn\$4))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L95  | 763   | ((issu\$4 emit\$4 transmit\$4) near20<br>(alarm\$4 alert\$4 horn\$4)) near20 L94   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L96  | 0     | ((issu\$4 emit\$4 transmit\$4) near20<br>(alarm\$4 alert\$4 horn\$4)) near20 L72   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L97  | 34    | ((issu\$4 emit\$4 transmit\$4) near20<br>(alarm\$4 alert\$4 horn\$4)) and L72  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L99  | 15    | ((issu\$4 emit\$4 initiat\$4 activat\$4)<br>near20 (alarm\$4 alert\$4 horn\$4)) and<br>L72   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L100 | 0     | "5737330".pn. and alarm  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L101 | 53    | poll\$4 near20 (window period interval)<br>near10 "5" adj3 seconds   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |

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|------|-------|--|---|----|----|---------------------|
| L102 | 17    | L101 and @ad<"20020731"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L103 | 4     | ("4716407"   "4866710"   "4905301"  <br>"4939746").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L104 | 15    | ("5125103").URPN.  | USPAT   | OR | ON | 2010/05/11<br>10:11 |
| L105 | 10    | ("5347269"   "5705995"   "5842216"  <br>"5917424"   "6041351"   "6067444"  <br>"6154147"   "6204774"   "6381241"  <br>"6622124").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L106 | 1     | ("6980083").URPN.  | USPAT   | OR | ON | 2010/05/11<br>10:11 |
| L107 | 4     | ("4962457"   "5173691"   "5214793"  <br>"5289183").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L108 | 16    | ("3602881"   "4031513"   "4104630"  <br>"4303904"   "4338587"   "4350970"  <br>"4481428"   "4501958"   "4591823"  <br>"4786903"   "4937581"   "4962457"  <br>"5086389"   "5089815"   "5144553"  <br>"5182555").PN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L109 | 38889 | ad adj3 hoc  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L110 | 762   | L109 and @ad<"19931223"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L111 | 709   | ad adj3 hoc near20 master  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L112 | 524   | ad adj3 hoc near20 master and slave  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L113 | 1     | L112 and @ad<"19931223"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L114 | 3     | ("4794649"   "5241542"   "5278831").<br>PN.  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L115 | 4     | ("4449248"   "4509199"   "4577315"  <br>"4679244").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L116 | 709   | ad adj3 hoc near20 master  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |

|      |      |   |   |    |    |                     |
|------|------|---|---|----|----|---------------------|
| L117 | 3    | L116 and @ad<"19931223"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L118 | 2    | ("3351859").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L119 | 4    | ("5995833"   "6314286"   "6324398"  <br>"6345186").PN.  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L120 | 0    | ("6930986").URPN.   | USPAT   | OR | ON | 2010/05/11<br>10:11 |
| L121 | 3    | ("5519761"   "5659882"   "5867785").<br>PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L122 | 13   | ("5659882").URPN.   | USPAT   | OR | ON | 2010/05/11<br>10:11 |
| L123 | 32   | ("20020127968"   "20020137464"  <br>"20020160765"   "20020183083"  <br>"20030032420"   "20030043887"  <br>"20030109285"   "20030125067"  <br>"20030165127"   "20040023652"  <br>"20040114618"   "20040125775"  <br>"20040125820"   "20040131025"  <br>"20040203941"   "20050014464"  <br>"20050025042"   "20050059342"  <br>"20050113022"   "20050141593"  <br>"20050190821"   "20060084475"  <br>"20060209671"   "20060229017"  <br>"5504775"   "5659882"   "6640087"  <br>"6873611"   "7031293"   "7123910"  <br>"7149239"   "7321578").PN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L124 | 4    | ("4756007"   "4797898"   "5128965"  <br>"5491727").PN.  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L125 | 3616 | ((cellular mobile) with zone) and repeat<br>\$4 and (transceiv\$4 (transmit\$4 receiv<br>\$4))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L126 | 23   | (bluetooth (ad adj3 hoc)) near20<br>(master adj3 (mobile device)) and<br>("802"\$3 wlan wifi) near20 (slave adj3<br>(mobile device))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L127 | 6    | ("20020039357"   "20020044549"  <br>"20030110291"   "20030202477"  <br>"6535498"   "6834192").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L128 | 16   | ("5051984"   "5056085"   "5065399"  <br>"5173689"   "5235599"   "5412654"  <br>"5572528"   "5719861"   "5740366"  <br>"5748611"   "5822309"   "5987011"  <br>"6049524"   "6130881"   "6304556"  <br>"6400752").PN.  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L129 | 10   | ("4700374"   "5450474"   "5457809"  <br>"5487065"   "5506847"   "5513243"  <br>"5519706"   "5524136"   "5553069"  <br>"5613206").PN.  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |

|      |      |   |   |    |    |                     |
|------|------|---|---|----|----|---------------------|
| L130 | 29   | ("3781815"   "4369443"   "4644532"   "4663706"   "4689786"   "4725992"   "4747126"   "4789983"   "4864559"   "4916726"   "4926064"   "4940974"   "4942552"   "5018133"   "5027427"   "5029183"   "5056085"   "5099509"   "5103461"   "5128938"   "5150360"   "5163080"   "5241542"   "5260990"   "5276680"   "5280650"   "5283568"   "5291479"   "5425051").PN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L131 | 5    | ("4947452"   "4987536"   "5088032"   "5159592"   "5175867").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L132 | 5    | ("20040083066"   "6104913"   "6640268"   "6671525"   "6795688").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L133 | 12   | ("4794649"   "5128938"   "5241542"   "5329531"   "5584048"   "5991635"   "6018642"   "6058289"   "6192230"   "6480476"   "6522873"   "6564074").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L134 | 3    | ("4987571"   "5107492"   "5115430").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L135 | 5    | ("4352183"   "4516239"   "4612637"   "4646082"   "4757460").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L136 | 4    | ("4449248"   "4509199"   "4577315"   "4679244").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L137 | 16   | ("5940743"   "5960335"   "5987062"   "6018661"   "6026297"   "6112088"   "6167279"   "6278881"   "6370380"   "6377805"   "6430395"   "6434365"   "6570857"   "6571103"   "6580700"   "6587680").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L138 | 11   | ("5042082"   "5175867"   "5200957"   "5222248"   "5309503"   "5481539"   "5483668"   "5634192"   "5640679"   "5959981"   "6075989").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L139 | 16   | ("3593138"   "4414661"   "4472802"   "4475010"   "4608711"   "4642806"   "4694453"   "4696027"   "4765753"   "4797947"   "4811380"   "4866710"   "5042082"   "5228029"   "5355367"   "5355515").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L140 | 1049 | (bluetooth (ad adj3 hoc)) and (master adj3 (mobile device)) and ("802"\$3 wlan wifi) and (slave adj3 (mobile device))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L141 | 0    | L140 and @ad<"19931223"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L142 | 14   | ((bluetooth (ad adj3 hoc)) with (master adj3 (mobile device))) same (("802"\$3 wlan wifi) with (slave adj3 (mobile device)))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |

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|------|------|---|---|----|----|---------------------|
| L143 | 5    | ("20040083066"   "6104913"   "6640268"   "6671525"   "6795688").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L144 | 12   | ("4794649"   "5128938"   "5241542"   "5329531"   "5584048"   "5991635"   "6018642"   "6058289"   "6192230"   "6480476"   "6522873"   "6564074").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L145 | 4095 | piconet   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L146 | 0    | L145 and @ad<"19931223"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L147 | 486  | piconet and L140  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L148 | 17   | L125 and L145   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L149 | 0    | L106 and @ad<"19931223"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L150 | 0    | L147 and @ad<"19931223"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L151 | 25   | ("3826900"   "4251865"   "4415065"   "4418277"   "4460120"   "4513447"   "4539706"   "4549264"   "4639914"   "4672658"   "4697243"   "4773032"   "4775928"   "4789983"   "4857716"   "4916441"   "4955038"   "5006996"   "5029232"   "5031098"   "5157187"   "5157687"   "5239622"   "5349678"   "5797099").PN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L152 | 6    | ("3340416"   "3814285"   "4005388"   "4115870"   "4128757").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L153 | 8    | ("3582896"   "3725864"   "3787627"   "3790717"   "3919483"   "4047162"   "4100533"   "4138735").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L154 | 6    | ("3678391"   "3955140"   "3989119"   "4012597"   "4056779"   "4162449").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L155 | 3    | ("3699443"   "3745462"   "3955140").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |

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|------|-----|---|---|----|----|---------------------|
| L156 | 11  | ("2731622"   "2932729"   "2987615"  <br>"3366880"   "3387212"   "3745462").<br>PN.  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L157 | 10  | ("2731622"   "2734131"   "3217254"  <br>"3254159"   "3449750").PN.  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L158 | 148 | ("2731622"   "2932729"   "2942072"  <br>"2987615"   "3082314"   "3145287"  <br>"3360988"   "3366880"   "3387212"  <br>"3586977"   "3745462"   "3826900"  <br>"3851140"   "3876863"   "3903891"  <br>"3908088"   "3914573"   "3955140"  <br>"4004098"   "4004225"   "4025734"  <br>"4054753"   "4116237"   "4251865"  <br>"4256779"   "4301530"   "4367378"  <br>"4415065"   "4418277"   "4445021"  <br>"4460120"   "4471218"   "4481382"  <br>"4491966"   "4513447"   "4539706"  <br>"4549264"   "4549293"   "4553262"  <br>"4606044"   "4627107"   "4639914"  <br>"4659878"   "4661682"   "4672658"  <br>"4674683"   "4677655"   "4677657"  <br>"4682351"   "4696855"   "4697243"  <br>"4700375"   "4706274"   "4711627"  <br>"4741019"   "4743734"   "4746632"  <br>"4748655"   "4773032"   "4775928"  <br>"4780591"   "4784321"   "4789983"  <br>"4833726"   "4841114"   "4850006"  <br>"4853515"   "4857716"   "4866240"  <br>"4869936"   "4873711"   "4877937"  <br>"4879740"   "4882765"   "4906989"  <br>"4916441"   "4924461"   "4945532"  <br>"4955038"   "4972456"   "4989230"  <br>"5006699"   "5006996"   "5007050"  <br>"5008953"   "5020135"   "5023824"  <br>"5025486"   "5029183"   "5029232"  <br>"5031098"   "5032845"   "5042082"  <br>"5043736"   "5044010"   "5046066"  <br>"5073972"   "5090054"   "5103448"  <br>"5115514"   "5142700"   "5152002"  <br>"5157187"   "5157687"   "5179721"  <br>"5187646"   "5189291"   "5208449"  <br>"5218187"   "5220564"   "5220678"  <br>"5227614"   "5239622"   "5241542"  <br>"5272324"   "5276686"   "5276918"  <br>"5289378"   "5291516"   "5295154"  <br>"5335356"   "5339316"   "5349678"  <br>"5351270"   "5375051"   "5375163"  <br>"5389917"   "5404577"   "5422934"  <br>"5457629"   "5465207"   "5602854"  <br>"5657317"   "5682379"   "5748619"  <br>"5797099"   "5974325"   "6006100"  <br>"6359872").PN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L159 | 123 | L158 and @ad<"19931223"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |

|      |      |   |   |    |    |                     |
|------|------|---|---|----|----|---------------------|
| L160 | 0    | ((bluetooth (ad adj3 hoc)) with (master adj3 (mobile device))) ("802"\$3 wlan wifi) with (slave adj3 (mobile device)))) and L159  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L161 | 0    | ((bluetooth (ad adj3 hoc)) with (master adj3 (mobile device))) ("802"\$3 wlan wifi) with (slave adj3 (mobile device)))) and L158  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L162 | 1170 | ((bluetooth (ad adj3 hoc)) with (master adj3 (mobile device))) ("802"\$3 wlan wifi) with (slave adj3 (mobile device))))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L163 | 2    | L162 and @ad<"19931223"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L164 | 36   | ((bluetooth (ad adj3 hoc)) with (master adj3 (mobile and device))) ("802"\$3 wlan wifi) with (slave adj3 (mobile and device))))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:11 |
| L165 | 19   | ("5577101"   "5581595"   "5594947"   "5613204"   "5734984"   "5854977"   "5920815"   "5940765"   "5953323"   "6064892"   "6122486"   "6246891"   "6256503"   "6351643"   "6445921"   "6493550"   "6496703"   "6574266"   "6832093").PN.             | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L166 | 20   | ("5353332"   "5442680"   "5477215"   "5537474"   "5570467"   "5613204"   "5670950"   "5794141"   "5805067"   "5870674"   "5875395"   "5911120"   "5926760"   "5956626"   "5960085"   "5995839"   "6011973"   "6044268"   "6141560"   "6167285").PN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L167 | 15   | ("5046082"   "5235633"   "5297192"   "5327144"   "5432841"   "5442805"   "5535431"   "5570412"   "5594425"   "5625658"   "5625668"   "5629707"   "5726893"   "5742910"   "5751245").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L168 | 7    | ("4644347"   "4972455"   "4989230"   "5095529"   "5125103"   "5127042"   "5212684").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |
| L169 | 4    | ("3696297"   "4392022"   "4392242"   "4399555").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:11 |



|      |    |  |   |    |     |                     |
|------|----|--|---|----|-----|---------------------|
| L170 | 28 | ("5109528"   "5193101"   "5197093"  <br>"5203012"   "5212805"   "5247701"  <br>"5301188"   "5375123"   "5402523"  <br>"5428668"   "5448750"   "5448754"  <br>"5455821"   "5497505"   "5507034"  <br>"5524280"   "5526402"   "5535259"  <br>"5537434"   "5539730"   "5548807"  <br>"5559866"   "5570352"   "5581548"  <br>"5594720"   "5594949"   "5603085"  <br>"6009332").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:11 |
| L171 | 12 | ("4953198"   "4979205"   "4989230"  <br>"5034993"   "5040238"   "5091942"  <br>"5127042"   "5260988"   "5280630"  <br>"5355374"   "5422930"   "5428668").<br>PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:11 |
| L172 | 14 | ("4039760"   "4628152"   "4953198"  <br>"4979205"   "4989230"   "5034993"  <br>"5040238"   "5091942"   "5127042"  <br>"5260988"   "5280630"   "5355374"  <br>"5357559"   "5422930").PN.  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:11 |
| L173 | 2  | ("6134587").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/11<br>10:11 |
| L174 | 12 | ("5252979"   "5412654"   "5436905"  <br>"5572528"   "5623495"   "5652751"  <br>"5729680"   "5757783"   "5796727"  <br>"5822309"   "5881372"   "5987024").<br>PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:11 |
| L175 | 7  | ("4253181"   "4573045"   "4888763"  <br>"5197066"   "5379293"   "5414702"  <br>"5745484").PN.  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:11 |
| L176 | 51 | ("6134587").URPN.  | USPAT   | OR | ON  | 2010/05/11<br>10:11 |
| L177 | 40 | ("4718002"   "4947430"   "5093824"  <br>"5243592"   "5473599"   "5541912"  <br>"5621884"   "5649119"   "5850592"  <br>"5881246"   "5913921"   "5968176"  <br>"5974327"   "5987011"   "5991881"  <br>"6000011"   "6028857"   "6047330"  <br>"6049834"   "6067301"   "6094435"  <br>"6134587"   "6272567"   "6282577"  <br>"6304556"   "6397260"   "6424629"  <br>"6425004"   "6456599"   "6529515"  <br>"6535498"   "6577634"   "6580981"  <br>"6618377"   "6662229"   "6683874"  <br>"6721273"   "6754220"   "6977895"  <br>"7035223").PN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:11 |
| L178 | 16 | ("5051984"   "5056085"   "5065399"  <br>"5173689"   "5235599"   "5412654"  <br>"5572528"   "5719861"   "5740366"  <br>"5748611"   "5822309"   "5987011"  <br>"6049524"   "6130881"   "6304556"  <br>"6400752").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |
| L179 | 5  | ("5327574"   "5497505"   "5613200"  <br>"5745483"   "6178329").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |
| L180 | 5  | ("4947452"   "4987536"   "5088032"  <br>"5159592"   "5175867").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |

|      |    |  |   |    |     |                     |
|------|----|--|---|----|-----|---------------------|
| L181 | 16 | ("4825206"   "4864559"   "4912656"  <br>"5051987"   "5241533"   "5297137"  <br>"5412654"   "5487065"   "5497368"  <br>"5526414"   "5583996"   "5646936"  <br>"5652751"   "5748619"   "6046978"  <br>"6122258").PN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |
| L182 | 9  | ("4975904"   "5179555"   "5181200"  <br>"5255268"   "5291511"   "5323384"  <br>"5331634"   "5339316"   "5383187").<br>PN.  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |
| L183 | 4  | ("4627052"   "4882765"   "4905231"  <br>"5168498").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |
| L184 | 12 | ("4825206"   "5093824"   "5117422"  <br>"5412654"   "5442633"   "5444707"  <br>"5533025"   "5570084"   "5579373"  <br>"5592468"   "5654959"   "5812531").<br>PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |
| L185 | 10 | ("4700374"   "5450474"   "5457809"  <br>"5487065"   "5506847"   "5513243"  <br>"5519706"   "5524136"   "5553069"  <br>"5613206").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |
| L186 | 16 | ("4825206"   "4864559"   "4912656"  <br>"5051987"   "5241533"   "5297137"  <br>"5412654"   "5487065"   "5497368"  <br>"5526414"   "5583996"   "5646936"  <br>"5652751"   "5748619"   "6046978"  <br>"6122258").PN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |
| L187 | 4  | ("5412654"   "5987011"   "6130892"  <br>"6134587").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |
| L188 | 48 | ("6307843").URPN.  | USPAT   | OR | ON  | 2010/05/11<br>10:12 |
| L189 | 0  | L188 and @ad<"19931223"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L190 | 5  | ("20020001337"   "4435821"  <br>"5596330"   "5696903"   "5796772").<br>PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |
| L191 | 5  | ("20020001337"   "4435821"  <br>"5596330"   "5696903"   "5796772").<br>PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |
| L192 | 2  | ("20030060222"   "20040071121").PN.  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |
| L193 | 21 | "5969643"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L194 | 2  | ("5969643").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/11<br>10:12 |

|      |       |  |   |    |    |                     |
|------|-------|--|---|----|----|---------------------|
| L195 | 19484 | determin\$4 with location with (gps (global adj3 position\$4 adj3 system))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L196 | 19045 | determin\$4 near20 location near20 (gps (global adj3 position\$4 adj3 system))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L197 | 18    | determin\$4 near20 location near20 (gps (global adj3 position\$4 adj3 system)) same piconet  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L198 | 15    | ("20020002036"   "20020028683"   "20020077060"   "20020102996"   "20020119788"   "5463261"   "5922073"   "6389288"   "6466938"   "6526335"   "6560443"   "6580372"   "6614768"   "6640098"   "6640106"). PN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L199 | 0     | L198 and @ad<"19931223"  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L200 | 132   | L196 and @ad<"19931223"  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L201 | 1049  | (bluetooth (ad adj3 hoc)) and (master adj3 (mobile device)) and ("802"\$3 wlan wifi) and (slave adj3 (mobile device))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L202 | 3616  | ((cellular mobile) with zone) and repeat \$4 and (transceiv\$4 (transmit\$4 receiv \$4))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L203 | 4095  | piconet  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L204 | 167   | (L195 L196) and L203   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L205 | 0     | L204 and @ad<"19931223"  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L206 | 37    | (L195 L196) and L201   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L207 | 313   | (L195 L196) and L202   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |

|      |       |  |   |    |    |                     |
|------|-------|--|---|----|----|---------------------|
| L208 | 1     | L207 and @ad<"19931223"  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L209 | 1     | (L207 L205 L204) and<br>@ad<"19931223"   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L210 | 3     | (L207 L205 L204) and<br>@lad<"19931223"  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L211 | 6     | ("2006/0012476").URPN.   | USPAT   | OR | ON | 2010/05/11<br>10:12 |
| L212 | 1     | ("2004/0147269").URPN.   | USPAT   | OR | ON | 2010/05/11<br>10:12 |
| L213 | 1     | ("2003/0216135").URPN.   | USPAT   | OR | ON | 2010/05/11<br>10:12 |
| L214 | 29    | ("2002/0169539").URPN.   | USPAT   | OR | ON | 2010/05/11<br>10:12 |
| L215 | 8     | ("20020169539"   "20030030561"  <br>"20030233189"   "20040054471"  <br>"20050272441"   "5875398"  <br>"6510380"   "6618593").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L216 | 14    | ("2003/0233189").URPN.   | USPAT   | OR | ON | 2010/05/11<br>10:12 |
| L217 | 5     | ("2003/0030561").URPN.   | USPAT   | OR | ON | 2010/05/11<br>10:12 |
| L218 | 8     | ("20020169539"   "20030030561"  <br>"20030233189"   "20040054471"  <br>"20050272441"   "5875398"  <br>"6510380"   "6618593").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L219 | 29    | ("2002/0169539").URPN.   | USPAT   | OR | ON | 2010/05/11<br>10:12 |
| L220 | 4     | ("20010002906"   "20020169539"  <br>"6535752"   "6671351").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L221 | 15    | ("20020002036"   "20020028683"  <br>"20020077060"   "20020102996"  <br>"20020119788"   "5463261"  <br>"5922073"   "6389288"   "6466938"  <br>"6526335"   "6560443"   "6580372"  <br>"6614768"   "6640098"   "6640106").<br>PN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L222 | 304   | mahany.inv.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L223 | 273   | bunte.inv.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L224 | 69782 | lus.inv.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |

|      |       |  |   |    |    |                     |
|------|-------|--|---|----|----|---------------------|
| L225 | 0     | (lus adj3 ronald adj3 e).inv.            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L226 | 0     | (lus adj3 ronald).inv.                   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L227 | 0     | "lus adj3 ronald".inv.                   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L228 | 69782 | lus.inv.                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L229 | 278   | gollnick.inv.                            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L230 | 70527 | L222 L223 L224 L228 L229                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L231 | 70527 | L222 L223 L224 L229                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L232 | 70527 | L222 L223 L224 L229                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L233 | 69782 | L228 L224                                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L234 | 509   | L222 L223                                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L235 | 0     | L222 and L223 and L224 and L228 and L229 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |

|      |       |  |   |    |     |                     |
|------|-------|--|---|----|-----|---------------------|
| L236 | 0     | L233 and L234  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L237 | 0     | (bluetooth (ad adj3 hoc)) and (master adj3 (mobile device)) and ("802"\$3 wlan wifi) and (slave adj3 (mobile device)) and L230 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L238 | 0     | L230 and "370"/\$.class.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L239 | 3018  | L230 and @ad<"19931223"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L240 | 359   | L230 and @rlad<"19931223"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L241 | 11788 | (370/401,310,330).CCLS.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/11<br>10:12 |
| L242 | 52    | L230 and L241  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L243 | 159   | luse.inv.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L244 | 839   | L222 L223 L229 L243  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L245 | 22    | L241 and L244  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L246 | 4     | ("4716407"   "4866710"   "4905301"   "4939746").PN.  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |
| L247 | 4     | ("4716407"   "4866710"   "4905301"   "4939746").PN.  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |
| L248 | 7     | ("3740549"   "4042810"   "5129605"   "5450329"   "5574469"   "5621417"   "5757291").PN.  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |

|      |       |   |   |    |    |                     |
|------|-------|---|---|----|----|---------------------|
| L249 | 19    | ("2762913"   "2783369"   "3365572"   "4473787"   "4701760"   "4897661"   "4949089"   "5068654"   "5153836"   "5155490"   "5210534"   "5307074"   "5369591"   "5396426"   "5420792"   "5450329").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L250 | 3     | ("3715953"   "4232313"   "4741245").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L252 | 1     | position and gps and L251   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L253 | 1     | determin\$4 with (location position) and L251   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L254 | 0     | determin\$4 with (location position) and L251 and (position adj3 network)   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L255 | 0     | L251 and (position adj3 network)  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L256 | 0     | determin\$4 with (location position distance) and L251 and (position adj3 network)  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L257 | 1     | determin\$4 with (location position distance) and L251  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L258 | 1     | determin\$4 with (location position distance) and L251 and satellite  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L259 | 14247 | determin\$4 with (range location position distance) near20 satellite  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L260 | 14040 | determin\$4 near20 (range location position distance) near20 satellite  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L261 | 1049  | (bluetooth (ad adj3 hoc)) and (master adj3 (mobile device)) and ("802"\$3 wlan wifi) and (slave adj3 (mobile device))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L262 | 29    | L261 and L260   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L263 | 23    | ("20020028991"   "20020052539"   "20020107557"   "20020123673"   "20030004403"   "20030028725"   "20040088024"   "20040181262"   "20040199212"   "5511553"   "5628310"   "6005768"   "6083248"   "6175752"   "6201980"   "6283438"   "6354299"   "6375009"   "6402689"   "6438407"   "6497655"   "6609023"   "6641533").PN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L264 | 1170  | ((bluetooth (ad adj3 hoc)) with (master adj3 (mobile device))) ("802"\$3 wlan wifi) with (slave adj3 (mobile device)))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L265 | 10    | L264 and L260   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |

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| L267 | 1   | radio with transceiver and L266   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L268 | 7   | ("4644347"   "4972455"   "4989230"  <br>"5095529"   "5125103"   "5127042"  <br>"5212684").PN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |
| L269 | 304 | mahany.inv.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L270 | 273 | bunte.inv.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L271 | 278 | gollnick.inv.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L272 | 159 | luse.inv.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L273 | 839 | L269 L270 L271 L272   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L274 | 153 | L273 and @ad<="19921223"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L275 | 115 | L273 and @rlad<="19921223"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L276 | 259 | L274 L275   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L277 | 4   | ((("6359872") or ("5602854"))).PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/11<br>10:12 |
| L278 | 4   | ((("6359872") or ("5682374"))).PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/11<br>10:12 |



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|------|------|---|---|----|-----|---------------------|
| L279 | 4    | ((("6359872") or ("5682379"))).PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/11<br>10:12 |
| L280 | 5    | ((("5602854") or ("5657317") or ("5790536"))).PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/11<br>10:12 |
| L285 | 7    | ("4644347"   "4972455"   "4989230"   "5095529"   "5125103"   "5127042"   "5212684").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |
| L286 | 8    | ("20020169539"   "20030030561"   "20030233189"   "20040054471"   "20050272441"   "5875398"   "6510380"   "6618593").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |
| L287 | 19   | ("3573818"   "3808598"   "3947845"   "4063244"   "4380050"   "4674051"   "4710774"   "4812990"   "4835537"   "4928107"   "5032845"   "5045860"   "5119102"   "5153836"   "5181027"   "5202829"   "5208591"   "5214757"   "5225842").PN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |
| L288 | 1    | ("5043736").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |
| L289 | 163  | ("5119102").URPN.   | USPAT   | OR | ON  | 2010/05/11<br>10:12 |
| L290 | 8    | L289 and @ad<"19921223"   | USPAT   | OR | ON  | 2010/05/11<br>10:12 |
| L291 | 145  | mobile adj3 base adj3 station with gps  | USPAT   | OR | ON  | 2010/05/11<br>10:12 |
| L292 | 2    | L291 and @ad<"19921223"   | USPAT   | OR | ON  | 2010/05/11<br>10:12 |
| L293 | 7389 | mobile adj3 base adj3 station   | USPAT   | OR | ON  | 2010/05/11<br>10:12 |
| L294 | 373  | L293 and @ad<"19921223"   | USPAT   | OR | ON  | 2010/05/11<br>10:12 |
| L295 | 713  | mobile adj3 base adj3 station and gps and satellite   | USPAT   | OR | ON  | 2010/05/11<br>10:12 |
| L296 | 7    | L295 and @ad<"19921223"   | USPAT   | OR | ON  | 2010/05/11<br>10:12 |
| L297 | 12   | mobile adj3 base adj3 station and gps and satellite same handheld   | USPAT   | OR | ON  | 2010/05/11<br>10:12 |

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|------|-----|--|---------------------------|----|----|---------------------|
| L298 | 75  | ("3223779"   "3384822"   "3447085"  <br>"3493866"   "3706933"   "3824468"  <br>"3972042"   "4030033"   "4053889"  <br>"4079378"   "4114155"   "4152702"  <br>"4156877"   "4188629"   "4193030"  <br>"4222115"   "4229741"   "4267592"  <br>"4309703"   "4403343"   "4447907"  <br>"4479227"   "4494238"   "4545059"  <br>"4578819"   "4611333"   "4644351"  <br>"4665404"   "4694466"   "4701934"  <br>"4740792"   "4750036"   "4785463"  <br>"4811379"   "4823123"   "4825193"  <br>"4866732"   "4868560"   "4875038"  <br>"4882579"   "4891637"   "4928177"  <br>"5005183"   "5017926"   "5063560"  <br>"5073899"   "5073900"   "5099245"  <br>"5103459"   "5105435"   "5111478"  <br>"5142279"   "5142534"   "5144668"  <br>"5148452"   "5153582"   "5155742"  <br>"5164958"   "5191593"   "5193101"  <br>"5193102"   "5204876"   "5210771"  <br>"5212831"   "5222101"   "5224121"  <br>"5226045"   "5235615"   "5239677"  <br>"5267261"   "Re32365").PN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2010/05/11<br>10:12 |
| L299 | 47  | ("5335246").URPN.  | USPAT                     | OR | ON | 2010/05/11<br>10:12 |
| L300 | 0   | L299 and @ad<"19921223"  | USPAT                     | OR | ON | 2010/05/11<br>10:12 |
| L301 | 531 | gps and satellite same handheld  | USPAT                     | OR | ON | 2010/05/11<br>10:12 |
| L302 | 4   | L301 and @ad<"19921223"  | USPAT                     | OR | ON | 2010/05/11<br>10:12 |
| L303 | 1   | "6876863".pn.  | USPAT                     | OR | ON | 2010/05/11<br>10:12 |
| L304 | 1   | "5252979".pn.  | USPAT                     | OR | ON | 2010/05/11<br>10:12 |
| L305 | 4   | ("4479246"   "5036518"   "5079628"  <br>"5130983").PN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2010/05/11<br>10:12 |
| L306 | 67  | ("5252979").URPN.  | USPAT                     | OR | ON | 2010/05/11<br>10:12 |
| L307 | 180 | ("5164985").URPN.  | USPAT                     | OR | ON | 2010/05/11<br>10:12 |
| L308 | 1   | "5164985".pn.  | USPAT                     | OR | ON | 2010/05/11<br>10:12 |
| L309 | 9   | ("3586978"   "3906166"   "3955140"  <br>"4334315"   "4467140"   "4538028"  <br>"4539706"   "4553262"   "4659878").<br>PN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2010/05/11<br>10:12 |
| L310 | 5   | ("3696758"   "4344364"   "4582280"  <br>"5039038"   "5570284").PN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2010/05/11<br>10:12 |
| L311 | 3   | ("5499386"   "5581802"   "5613205").<br>PN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2010/05/11<br>10:12 |
| L312 | 6   | ("3924187"   "4086537"   "4107608"  <br>"4591730"   "4777633"   "5068916").<br>PN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2010/05/11<br>10:12 |

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| L313 | 8     | ("4550601"   "4667203"   "4809005"   "4847862"   "4849662"   "4870422"   "4924448"   "4932036").PN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |
| L314 | 3     | ("4353065"   "4359733"   "4723304").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |
| L315 | 1     | ("5043736").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |
| L316 | 6     | ("4445118"   "4651157"   "4809005"   "4907290"   "4912756"   "4953198").PN.                         | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |
| L317 | 1     | ("5043736").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2010/05/11<br>10:12 |
| L318 | 30    | werenka.inv.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L319 | 0     | (leon adj3 werenka).inv.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L320 | 8     | (leon same werenka).inv.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L321 | 11543 | (370/350,509,321,330,346-348,468,508).CCLS.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/11<br>10:12 |
| L323 | 0     | http and L322   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L324 | 3261  | (common and (stamp\$4 status)) same (tim\$4 clock\$4) same synchroniz\$8                            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L325 | 7191  | repeat\$4 with gps  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L326 | 25    | L325 and L324   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L327 | 176   | L324 and L321   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |

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| L328 | 146 | L327 and @ad<"20060131"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L329 | 31  | repeat\$4 and gps and L328   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L330 | 20  | L326 and @ad<"20060131"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L331 | 50  | L329 L330  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L332 | 57  | ("20020007429"   "20020026568"  <br>"20020075857"   "20020101885"  <br>"20020120749"   "20020141452"  <br>"20020167911"   "20020181438"  <br>"20030031210"   "20030112758"  <br>"20030152093"   "20030152094"  <br>"20030169755"   "20030185222"  <br>"20030202528"   "20040022262"  <br>"20040037320"   "20040057445"  <br>"20040062252"   "20040062260"  <br>"20040073692"   "20040076190"  <br>"20040076191"   "20040120309"  <br>"20040156622"   "20040258099"  <br>"20050220240"   "20060088000"  <br>"5450410"   "5544324"   "5553071"  <br>"5566169"   "5594732"   "5594734"  <br>"5606562"   "5617418"   "5668811"  <br>"5687174"   "5805597"   "5862343"  <br>"5999525"   "6064673"   "6163535"  <br>"6215797"   "6246702"   "6335927"  <br>"6360271"   "6434606"   "6438702"  <br>"6577872"   "6658027"   "6661810"  <br>"6684273"   "6747999"   "6928473"  <br>"6983161"   "7130368").PN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L333 | 4   | ("4142069"   "5402424"   "5958060"  <br>"6230021").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L334 | 5   | ("4607257"   "4688216"   "4689787"  <br>"4800560"   "4947451").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L335 | 5   | ("20010039192"   "20020018402"  <br>"20020054611"   "5363375"  <br>"6983160").PN.  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/05/11<br>10:12 |
| L337 | 0   | http and L336  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |

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| L338 | 134 | (US-20060002348-\$ or US-20030002461-\$ or US-20010040880-\$ or US-20020081977-\$ or US-20070233335-\$ or US-20060234699-\$ or US-20060085103-\$ or US-20030094546-\$ or US-20030094545-\$ or US-20080055287-\$ or US-20070014252-\$ or US-20050197121-\$ or US-20050058099-\$ or US-20030151520-\$ or US-20030050082-\$ or US-20030013445-\$ or US-20020115436-\$ or US-20020027495-\$ or US-20060290969-\$ or US-20060152335-\$ or US-20040024869-\$ or US-20030045232-\$ or US-20060012476-\$ or US-20030216135-\$ or US-20040147269-\$ or US-20020169539-\$).did. or (US-20030233189-\$ or US-20030030561-\$ or US-20090046609-\$ or US-20030193905-\$ or US-20060209777-\$ or US-20070055806-\$ or US-20050207387-\$ or US-20040120305-\$ or US-20040047307-\$ or US-20060142913-\$ or US-20020054611-\$).did. or (US-6728551-\$ or US-6526031-\$ or US-5461639-\$ or US-5245629-\$ or US-7030753-\$ or US-6980083-\$ or US-6976034-\$ or US-6862502-\$ or US-6041216-\$ or US-5847663-\$ or US-5720455-\$ or US-5681015-\$ or US-5125103-\$ or US-4748655-\$ or US-5003619-\$ or US-3876980-\$ or US-6449536-\$ or US-6401015-\$ or US-6400281-\$ or US-6095618-\$ or US-6088635-\$ or US-5969643-\$ or US-5890682-\$ or US-5737330-\$ or US-5685507-\$ or US-5367524-\$).did. or (US-5164985-\$ or US-5039038-\$ or US-5280521-\$ or US-6930986-\$ or US-6721572-\$ or US-6243575-\$ or US-5515026-\$ or US-4163121-\$ or US-5954781-\$ or US-5862171-\$ or US-5777547-\$ or US-5686888-\$ or US-4582280-\$ or US-6505103-\$ or US-6487478-\$ or US-6135396-\$ or US-5588009-\$ or US-7298761-\$ or US-5740366-\$ or US-5412654-\$ or US-6377805-\$ or US-7004395-\$ or US-6876863-\$ or US-4697243-\$ or US-4415065-\$ or US-2987615-\$ or US-5442680-\$).did. or (US-3696297-\$ or US-4012597-\$ or US-5535259-\$ or US-5040238-\$ or US-5247701-\$ or US-4882765-\$ or US-6134587-\$ or US-5252979-\$ or US-5682133-\$ or US-7340260-\$ or US-7058358-\$ or US-6614768-\$ or US-7471651-\$ or US-6654378-\$ or US-6192400-\$ or US-5805807-\$ or US-5450329-\$ or US-5155490-\$ or US-4949089-\$ or US-4741245-\$ or US-4232313-\$ or US-4897661-\$ or US-5425051-\$ or US- | US-PGPUB;<br>USPAT | OR | ON | 2010/05/11<br>10:12 |
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|      |        | 5602854-\$ or US-5657317-\$ or US-5790536-\$ or US-6006100-\$).did. or (US-5225842-\$ or US-5202829-\$ or US-5119102-\$ or US-5335246-\$ or US-4973970-\$ or US-3955140-\$ or US-5068916-\$ or US-5043736-\$ or US-7433321-\$ or US-7415044-\$ or US-7304981-\$ or US-5319374-\$ or US-6983161-\$ or US-6434606-\$ or US-5402424-\$ or US-6983160-\$ or US-5363375-\$).did. |   |    |     |                     |
| L339 | 37     | L338 and @ad<"19931223"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L340 | 2      | "5367524".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L341 | 238325 | (determin\$4 measur\$4 calculat\$4 estimat\$4) near20 strength  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L342 | 6501   | (determin\$4 measur\$4 calculat\$4 estimat\$4) near20 strength near20 location  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L343 | 25363  | (determin\$4 measur\$4 calculat\$4 estimat\$4) near20 (strength and location)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L344 | 513    | L342 and @ad<"19931223"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L345 | 11543  | (370/350,509,321,330,346-348,468,508).CCLS.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | OFF | 2010/05/11<br>10:12 |
| L346 | 2455   | L345 and @ad<"19931223"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |

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|------|-------|---|---|----|----|---------------------|
| L347 | 3     | L346 and L344   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L348 | 6631  | (determin\$4 measur\$4 calculat\$4<br>estimat\$4) near20 (strength rssi)<br>near20 location   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L349 | 518   | L348 and @ad<"19931223"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L350 | 3     | L346 and L348   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L351 | 15    | ("4414661"   "4506361"   "4638479"  <br>"4811421"   "4947390"   "5058105"  <br>"5101407"   "5111423"   "5140626"  <br>"5142533"   "5142534"   "5151897"  <br>"5166929"   "5224105"   "5271058").<br>PN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/05/11<br>10:12 |
| L352 | 4137  | (determin\$4 measur\$4 calculat\$4<br>estimat\$4) near20 (signal with<br>(strength rssi)) near20 location   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L353 | 5047  | (determin\$4 measur\$4 calculat\$4<br>estimat\$4) near20 (signal with<br>(strength rssi)) near20 locat\$4   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L354 | 6     | L346 and L353   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L355 | 11    | ("3774217"   "3855422"   "4001693"  <br>"4156111"   "4156867"   "4168469"  <br>"4225919"   "4292623"   "4354252"  <br>"4369443"   "4379946").PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/05/11<br>10:12 |
| L356 | 14825 | (determin\$4 measur\$4 calculat\$4<br>estimat\$4) same (signal with (strength<br>rssi)) same locat\$4   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |

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|------|-------|--|---|----|----|---------------------|
| L357 | 5047  | L356 and L353  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L358 | 964   | L356 and @ad<"19931223"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L359 | 10    | L346 and L356  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L360 | 14040 | determin\$4 near20 (range location<br>position distance) near20 satellite  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/05/11<br>10:12 |
| L361 | 12    | mobile adj3 base adj3 station and gps<br>and satellite same handheld   | USPAT   | OR | ON | 2010/05/11<br>10:12 |
| L362 | 1049  | (bluetooth (ad adj3 hoc)) and (master<br>adj3 (mobile device)) and ("802"\$3<br>wlan wifi) and (slave adj3 (mobile<br>device)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/05/11<br>10:12 |
| L363 | 1391  | L360 and L356  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L364 | 1     | L362 and L363  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L365 | 33    | L362 and L356  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L366 | 0     | L365 and @ad<"19931223"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L367 | 6     | ("5689825"   "5844400"   "6256520"  <br>"6321078"   "6323755"   "6323775").<br>PN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/05/11<br>10:12 |



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|------|--------|---|---|----|----|---------------------|
| L368 | 0      | L367 and @ad<"19931223"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L369 | 0      | L362 and L346   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L370 | 17     | L362 and L353   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L371 | 7705   | (determin\$4 measur\$4 calculat\$4<br>estimat\$4) near20 (signal with<br>(strength rssi power)) near20 locat\$4       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L372 | 494519 | (bluetooth (ad adj3 hoc)) (master adj3<br>(mobile device)) ("802"\$3 wlan wifi)<br>(slave adj3 (mobile device))       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/05/11<br>10:12 |
| L373 | 10964  | (master adj3 (mobile device)) and<br>(slave adj3 (mobile device))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/05/11<br>10:12 |
| L374 | 13554  | (master adj3 (mobile device)) and<br>((bluetooth (ad adj3 hoc)) ("802"\$3<br>wlan wifi) (slave adj3 (mobile device))) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/05/11<br>10:12 |
| L375 | 13554  | L373 L374   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/05/11<br>10:12 |
| L376 | 71     | L371 and L375   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/05/11<br>10:12 |
| L377 | 0      | L376 and L346   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |

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|------|-----|--|---|----|----|---------------------|
| L378 | 0   | L377 and @ad<"19931223"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L379 | 0   | L376 and @ad<"19931223"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L380 | 6   | ("5689825"   "5844400"   "6256520"  <br>"6321078"   "6323755"   "6323775").<br>PN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/05/11<br>10:12 |
| L381 | 295 | ("2731622"   "2932729"   "2942072"  <br>"2987615"   "3366880"   "3387212"  <br>"3586977"   "3745462"   "3826900"  <br>"3876863"   "3908088"   "3955140"  <br>"4004098"   "4004225"   "4025734"  <br>"4054753"   "4116237"   "4251865"  <br>"4301530"   "4367378"   "4415065"  <br>"4418277"   "4460120"   "4471218"  <br>"4481382"   "4491966"   "4513447"  <br>"4539706"   "4549264"   "4549293"  <br>"4553262"   "4606044"   "4627107"  <br>"4639914"   "4659878"   "4672658"  <br>"4677655"   "4677657"   "4682351"  <br>"4697243"   "4700375"   "4706274"  <br>"4741019"   "4745632"   "4748655"  <br>"4773032"   "4775928"   "4789983"  <br>"4833726"   "4850006"   "4857716"  <br>"4873711"   "4879740"   "4882765"  <br>"4906989"   "4916441"   "4924461"  <br>"4945532"   "4955038"   "4972456"  <br>"4989230"   "5003619"   "5006699"  <br>"5006996"   "5007050"   "5008953"  <br>"5020135"   "5023824"   "5025486"  <br>"5029183"   "5029232"   "5031098"  <br>"5032845"   "5040238"   "5042082"  <br>"5043736"   "5044010"   "5046066"  <br>"5054052"   "5073972"   "5090054"  <br>"5103448"   "5115514"   "5119102"  <br>"5142700"   "5157187"   "5157687"  <br>"5164985"   "5179721"   "5187646"  <br>"5189291"   "5202829"   "5208449"  <br>"5218187"   "5220564"   "5220678"  <br>"5227614"   "5239622"   "5241542"  <br>"5252979"   "5272324"   "5276686"  <br>"5276703"   "5276918"   "5289378"  <br>"5295154"   "5335246"   "5335356"  <br>"5339316"   "5349678"   "5351270"  <br>"5375163"   "5389917"   "5404577"  <br>"5422934"   "5457629"   "5465207"  <br>"5553069"   "5602854"   "5657317"  <br>"5682379"   "5740366"   "5748619"  <br>"5797099"   "5862171"   "6006100"  <br>"6192400"   "6359872"   "6654378"  <br>"6876863"   "7004395").PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |

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|------|-------|---|---|----|----|---------------------|
| L382 | 35    | L381 and @rlad<"19931223"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L384 | 14825 | (determin\$4 measur\$4 calculat\$4<br>estimat\$4) same (signal with (strength<br>rssi)) same locat\$4                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L385 | 14040 | determin\$4 near20 (range location<br>position distance) near20 satellite   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/05/11<br>10:12 |
| L386 | 1391  | L385 and L384   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L387 | 7705  | (determin\$4 measur\$4 calculat\$4<br>estimat\$4) near20 (signal with<br>(strength rssi power)) near20 locat\$4       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L388 | 10964 | (master adj3 (mobile device)) and<br>(slave adj3 (mobile device))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/05/11<br>10:12 |
| L389 | 13554 | (master adj3 (mobile device)) and<br>((bluetooth (ad adj3 hoc)) ("802"\$3<br>wlan wifi) (slave adj3 (mobile device))) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/05/11<br>10:12 |
| L390 | 13554 | L388 L389   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/05/11<br>10:12 |
| L391 | 71    | L387 and L390   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/05/11<br>10:12 |
| L392 | 29    | L386 and @ad<"19931223"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L394 | 1     | control\$4 adj3 functions and L393  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |

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| L395 | 1   | control\$4 near20 (function\$1 and aspect\$1) and L393  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L396 | 1   | control\$4 near20 (function\$1 aspect\$1 application) and L393  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L397 | 1   | application and L393  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L398 | 1   | L397 and fixed  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L399 | 4   | ("20040208523"   "6738443").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L400 | 134 | (US-20060002348-\$ or US-20030002461-\$ or US-20010040880-\$ or US-20020081977-\$ or US-20070233335-\$ or US-20060234699-\$ or US-20060085103-\$ or US-20030094546-\$ or US-20030094545-\$ or US-20080055287-\$ or US-20070014252-\$ or US-20050197121-\$ or US-20050058099-\$ or US-20030151520-\$ or US-20030050082-\$ or US-20030013445-\$ or US-20020115436-\$ or US-20020027495-\$ or US-20060290969-\$ or US-20060152335-\$ or US-20040024869-\$ or US-20030045232-\$ or US-20060012476-\$ or US-20030216135-\$ or US-20040147269-\$ or US-20020169539-\$).did. or (US-20030233189-\$ or US-20030030561-\$ or US-20090046609-\$ or US-20030193905-\$ or US-20060209777-\$ or US-20070055806-\$ or US-20050207387-\$ or US-20040120305-\$ or US-20040047307-\$ or US-20060142913-\$ or US-20020054611-\$).did. or (US-6728551-\$ or US-6526031-\$ or US-5461639-\$ or US-5245629-\$ or US-7030753-\$ or US-6980083-\$ or US-6976034-\$ or US-6862502-\$ or US-6041216-\$ or US-5847663-\$ or US-5720455-\$ or US-5681015-\$ or US- | US-PGPUB;<br>USPAT  | OR | ON | 2010/05/11<br>10:12 |

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|      |    | 5125103-\$ or US-4748655-\$ or US-<br>5003619-\$ or US-3876980-\$ or US-<br>6449536-\$ or US-6401015-\$ or US-<br>6400281-\$ or US-6095618-\$ or US-<br>6088635-\$ or US-5969643-\$ or US-<br>5890682-\$ or US-5737330-\$ or US-<br>5685507-\$ or US-5367524-\$).did. or<br>(US-5164985-\$ or US-5039038-\$ or US-<br>5280521-\$ or US-6930986-\$ or US-<br>6721572-\$ or US-6243575-\$ or US-<br>5515026-\$ or US-4163121-\$ or US-<br>5954781-\$ or US-5862171-\$ or US-<br>5777547-\$ or US-5686888-\$ or US-<br>4582280-\$ or US-6505103-\$ or US-<br>6487478-\$ or US-6135396-\$ or US-<br>5588009-\$ or US-7298761-\$ or US-<br>5740366-\$ or US-5412654-\$ or US-<br>6377805-\$ or US-7004395-\$ or US-<br>6876863-\$ or US-4697243-\$ or US-<br>4415065-\$ or US-2987615-\$ or US-<br>5442680-\$).did. or (US-3696297-\$ or<br>US-4012597-\$ or US-5535259-\$ or US-<br>5040238-\$ or US-5247701-\$ or US-<br>4882765-\$ or US-6134587-\$ or US-<br>5252979-\$ or US-5682133-\$ or US-<br>7340260-\$ or US-7058358-\$ or US-<br>6614768-\$ or US-7471651-\$ or US-<br>6654378-\$ or US-6192400-\$ or US-<br>5805807-\$ or US-5450329-\$ or US-<br>5155490-\$ or US-4949089-\$ or US-<br>4741245-\$ or US-4232313-\$ or US-<br>4897661-\$ or US-5425051-\$ or US-<br>5602854-\$ or US-5657317-\$ or US-<br>5790536-\$ or US-6006100-\$).did. or<br>(US-5225842-\$ or US-5202829-\$ or US-<br>5119102-\$ or US-5335246-\$ or US-<br>4973970-\$ or US-3955140-\$ or US-<br>5068916-\$ or US-5043736-\$ or US-<br>7433321-\$ or US-7415044-\$ or US-<br>7304981-\$ or US-5319374-\$ or US-<br>6983161-\$ or US-6434606-\$ or US-<br>5402424-\$ or US-6983160-\$ or US-<br>5363375-\$).did. |   |    |    |                     |
| L401 | 37 | L400 and @ad<"19931223"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L402 | 0  | L401 and (signal near5 strength) same<br>(location position)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L403 | 11 | L401 and (signal near5 (strength<br>power level)) same5 (location position)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |

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| L404 | 148 | (US-20060002348-\$ or US-20030002461-\$ or US-20010040880-\$ or US-20020081977-\$ or US-20070233335-\$ or US-20060234699-\$ or US-20060085103-\$ or US-20030094546-\$ or US-20030094545-\$ or US-20080055287-\$ or US-20070014252-\$ or US-20050197121-\$ or US-20050058099-\$ or US-20030151520-\$ or US-20030050082-\$ or US-20030013445-\$ or US-20020115436-\$ or US-20020027495-\$ or US-20060290969-\$ or US-20060152335-\$ or US-20040024869-\$ or US-20030045232-\$ or US-20060012476-\$ or US-20030216135-\$ or US-20040147269-\$ or US-20020169539-\$).did. or (US-20030233189-\$ or US-20030030561-\$ or US-20090046609-\$ or US-20030193905-\$ or US-20060209777-\$ or US-20070055806-\$ or US-20050207387-\$ or US-20040120305-\$ or US-20040047307-\$ or US-20060142913-\$ or US-20020054611-\$ or US-20090296677-\$ or US-20070290924-\$ or US-20040203895-\$).did. or (US-6728551-\$ or US-6526031-\$ or US-5461639-\$ or US-5245629-\$ or US-7030753-\$ or US-6980083-\$ or US-6976034-\$ or US-6862502-\$ or US-6041216-\$ or US-5847663-\$ or US-5720455-\$ or US-5681015-\$ or US-5125103-\$ or US-4748655-\$ or US-5003619-\$ or US-3876980-\$ or US-6449536-\$ or US-6401015-\$ or US-6400281-\$ or US-6095618-\$ or US-6088635-\$ or US-5969643-\$ or US-5890682-\$ or US-5737330-\$ or US-5685507-\$ or US-5367524-\$).did. or (US-5164985-\$ or US-5039038-\$ or US-5280521-\$ or US-6930986-\$ or US-6721572-\$ or US-6243575-\$ or US-5515026-\$ or US-4163121-\$ or US-5954781-\$ or US-5862171-\$ or US-5777547-\$ or US-5686888-\$ or US-4582280-\$ or US-6505103-\$ or US-6487478-\$ or US-6135396-\$ or US-5588009-\$ or US-7298761-\$ or US-5740366-\$ or US-5412654-\$ or US-6377805-\$ or US-7004395-\$ or US-6876863-\$ or US-4697243-\$ or US-4415065-\$ or US-2987615-\$ or US-5442680-\$).did. or (US-3696297-\$ or US-4012597-\$ or US-5535259-\$ or US-5040238-\$ or US-5247701-\$ or US-4882765-\$ or US-6134587-\$ or US-5252979-\$ or US-5682133-\$ or US-7340260-\$ or US-7058358-\$ or US-6614768-\$ or US-7471651-\$ or US-6654378-\$ or US-6192400-\$ or US-5805807-\$ or US-5450329-\$ or US-5155490-\$ or US-4949089-\$ or US- | US-PGPUB;<br>USPAT | OR | ON | 2010/05/11<br>10:12 |
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|      |       |  |   |    |     |                     |
|------|-------|--|---|----|-----|---------------------|
|      |       | 4741245-\$ or US-4232313-\$ or US-4897661-\$ or US-5425051-\$ or US-5602854-\$ or US-5657317-\$ or US-5790536-\$ or US-6006100-\$).did. or (US-5225842-\$ or US-5202829-\$ or US-5119102-\$ or US-5335246-\$ or US-4973970-\$ or US-3955140-\$ or US-5068916-\$ or US-5043736-\$ or US-7433321-\$ or US-7415044-\$ or US-7304981-\$ or US-5319374-\$ or US-6983161-\$ or US-6434606-\$ or US-5402424-\$ or US-6983160-\$ or US-5363375-\$ or US-5416780-\$ or US-4519068-\$ or US-5491741-\$ or US-5412658-\$ or US-4517669-\$ or US-6665549-\$ or US-5568119-\$ or US-5274382-\$ or US-5235633-\$ or US-5058200-\$).did. or (US-4975707-\$). did. |   |    |     |                     |
| L405 | 47    | L404 and @ad<"19931223"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L406 | 12    | L405 and master  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L407 | 9     | determin\$4 near20 (range location position distance) and L406   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2010/05/11<br>10:12 |
| L408 | 24243 | (determin\$4 measur\$4 calculat\$4 estimat\$4) near20 (signal with (strength rssi power level)) same locat \$4   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L409 | 2429  | (master slave) and L408  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L410 | 11543 | (370/350,509,321,330,346-348,468,508).CCLS.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | OFF | 2010/05/11<br>10:12 |
| L411 | 2455  | L410 and @ad<"19931223"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |

|      |       |  |   |    |    |                     |
|------|-------|--|---|----|----|---------------------|
| L412 | 3     | L409 and L411  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L413 | 49729 | (determin\$4 measur\$4 calculat\$4<br>estimat\$4) near20 ((signal with<br>(strength rssi power level)) and locat<br>\$4)                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L414 | 7124  | L413 and @ad<"19931223"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L415 | 11644 | (determin\$4 measur\$4 calculat\$4<br>estimat\$4) near20 ((signal with<br>(strength rssi power level)) near29 locat<br>\$4)                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L416 | 15    | L415 and L411  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L417 | 652   | (determin\$4 measur\$4 calculat\$4<br>estimat\$4) near20 ((signal with<br>(strength rssi power level)) near29 locat<br>\$4) same satellite | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L418 | 3     | L417 and L411  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L419 | 30    | locat\$4 same satellite near20 rssi  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |
| L420 | 0     | L419 and L411  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/11<br>10:12 |



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|------|----|--|---|----|-----|---------------------|
| L421 | 0  | L420 and @ad<"19931223"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L422 | 12 | (determin\$4 locat\$4) same satellite<br>near20 (location position) near20 rssi    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L423 | 6  | ("4725843"   "5347286"   "5376941"  <br>"5583514"   "5594460"   "5983071").<br>PN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2010/05/11<br>10:12 |
| L424 | 1  | ("5682379").PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2010/05/11<br>10:12 |
| L425 | 0  | second near20 fixed and L424   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L426 | 1  | master and L424  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/11<br>10:12 |
| L427 | 6  | ("5095529"   "5125103"   "5442680").<br>PN.  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                                     | OR | ON  | 2010/05/11<br>10:12 |
| L428 | 2  | "5058199".pn.  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                                     | OR | ON  | 2010/05/11<br>10:12 |

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